

09383000 COLORADO RIVER AT COMPACT POINT, NEAR LEES FERRY, AZ

LOCATION.--Lat 36°51'05", long 111°36'21", in NE1/4SE1/4 sec. 23, T.40 N., R.7 E., Coconino County, Hydrologic Units 14070006, 15010001, (see REMARKS), 1 mi downstream from Paria River, 1.4 mi downstream from gage on Colorado River at Lees Ferry, and 29 mi downstream from Utah-Arizona State line.

DRAINAGE AREA.--112,000 mi², approximately, including 3,959 mi² in Great Divide basin in southern Wyoming, which is noncontributing.

PERIOD OF RECORD.--Oct. 1913 to current year (monthly discharge only). Prior to Oct. 1950, published in WSP 1313.

DETERMINATION OF DISCHARGE.--There is no gage. Monthly and yearly discharge computed as the sum of flow at stations on Colorado River and Paria River at Lees Ferry.

REMARKS.--This location on the Colorado River is the dividing point between the Upper Basin and Lower Basin, as defined in the Colorado River Compact of 1922. Flow substantially regulated by Lake Powell beginning Mar. 13, 1963. (See elsewhere in this report.)

AVERAGE DISCHARGE.--49 years (water years 1914--1962), 17,760 ft³/s, 12,870,000 acre-ft/yr; 41 years (water years 1965--2005), 13,950 ft³/s, 10,110,000 acre-ft/yr

Monthly discharge, water year October 2004 to September 2005

Month	Mean, in cubic feet per second	Runoff, in acre-feet
October.....	8,077	496,600
November.....	12,320	732,900
December.....	9,738	598,800
Calendar year 2004	11,820	8,578,000
January.....	12,930	795,100
February.....	13,200	733,400
March.....	13,350	820,700
April.....	9,042	538,000
May.....	9,812	603,300
June.....	13,380	796,200
July.....	14,130	868,800
August.....	14,570	895,800
September.....	8,652	514,900
Water year 2005	11,590	8,394,000

NOTE.--Record shown is sum of flow at stations on Colorado River and Paria River at Lees Ferry.